

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 5    | (US-3223187-\$ or US-3316986-\$ or US-3971450-\$ or US-4408670-\$ or US-6742609-\$).did.  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/06/25 12:21 |
| L2    | 34   | ("2937008"   "2990894"   "3291230"   "3365202"   "3540742"   "3656565"   "3659662"   "3762724"   "3807513").PN.<br>OR ("3971450").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2005/06/25 12:29 |
| L3    | 521  | ((vibration vibrational) near energy) and drilling  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 12:44 |
| L4    | 89   | 3 and "175"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 12:45 |
| L5    | 0    | ("2005/0121231").URPN.  | USPAT   | OR               | ON      | 2005/06/25 12:31 |
| L6    | 1017 | (vibration vibrational) and drilling and piezoelectric  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 15:33 |
| L7    | 78   | 6 and "175"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 15:33 |
| L8    | 18   | "797157"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 14:01 |
| L9    | 42   | (vibration vibrational) and drilling and finned   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 15:35 |
| L10   | 4    | 9 and "175"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 15:35 |
| L11   | 1587 | (vibration vibrational) and drilling and (fin spiral)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 15:35 |
| L12   | 304  | 11 and "175"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/06/25 15:35 |

|     |     |                 |   |    |     |                  |
|-----|-----|-----------------|---|----|-----|------------------|
| L13 | 101 | 12 and offset   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/06/25 17:14 |
| L14 | 200 | (175/55).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/25 17:14 |
| L15 | 481 | (175/56).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/25 17:14 |
| L16 | 520 | (175/296).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/25 17:14 |
| L17 | 998 | (175/320).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/25 17:14 |
| L18 | 154 | (175/38).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/06/25 17:14 |